

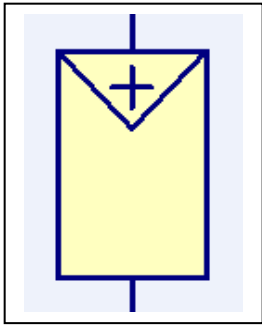
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: HIP-210BKH5
MUNUFACTURER: SANYO
REMARK: Pmax=210(W)
REPORT of SolarCells (LTspice IV)



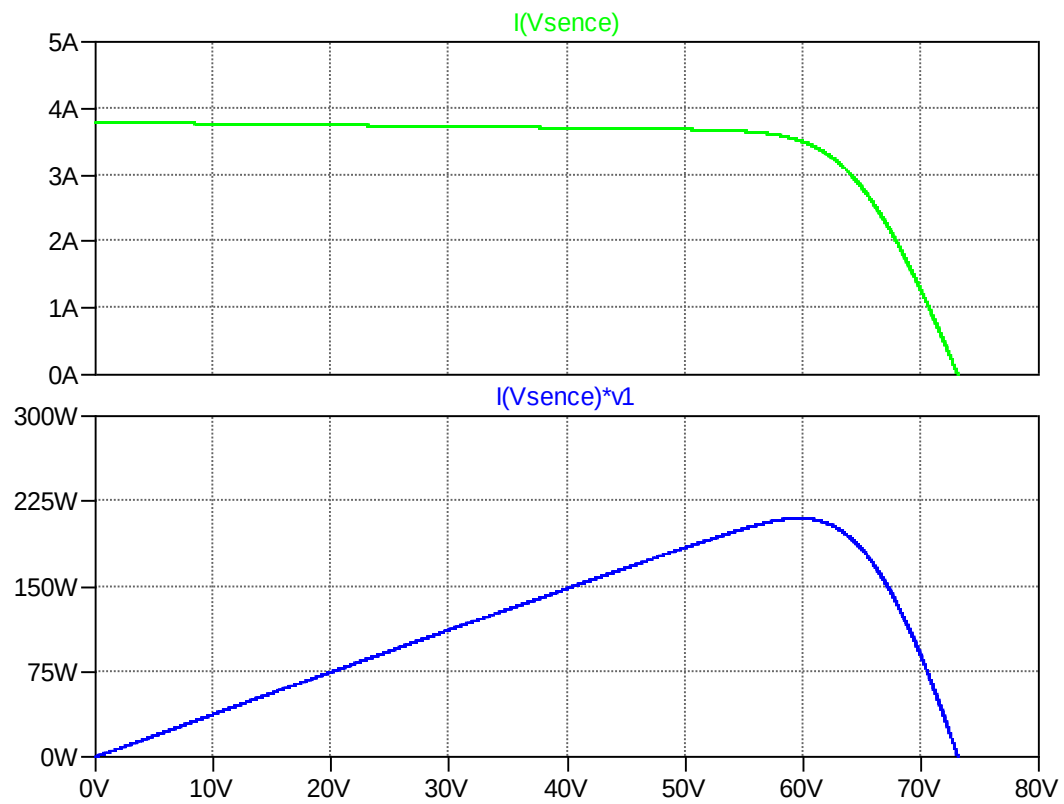
Bee Technologies Inc.

Circuit Configuration

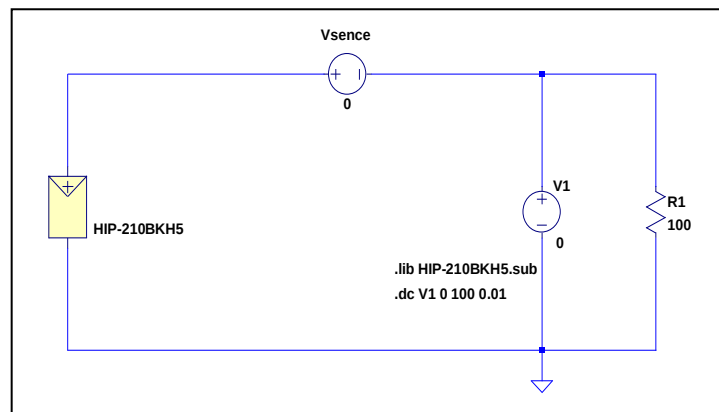


Output Characteristic

Circuit Simulation Result



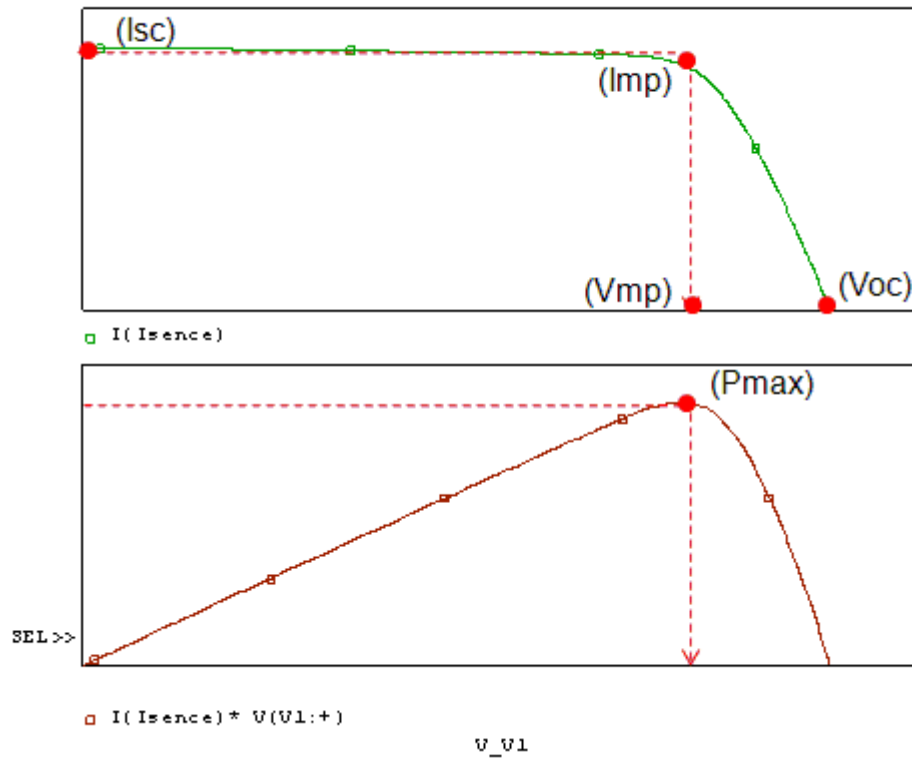
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	210.0000	210.0370	0.0176
Vmp	59.7000	59.6800	-0.0335
Imp	3.5200	3.5194	-0.0170
Isc	3.7900	3.7892	-0.0211
Voc	73.6000	73.0860	-0.6984

Data Information

No. HIP-210BKH5	
Maximum power(Pmax)	210.0000
Voltage at Pmax(Vmp)	59.7000
Current at Pmax(Imp)	3.5200
Short-circuit current(Isc)	3.7900
Open-circuit voltage(Voc)	73.6000